
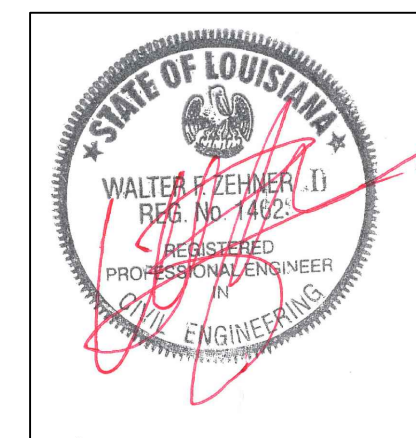


FOUNDATION PLAN
SCALE: 3/32" = 1'-0"

 **1 FOUNDATION PLAN**
SCALE: 3/32" = 1'-0"

STRUCTURAL ENGINEER

WALTER F. ZEHNER
4702 TOULOUSE ST
NEW ORLEANS, LOUISIANA 70119
(504) 488-1442
E-MAIL:WALTERZEHNER@MSN.COM



1031 CANAL STREET
NEW ORLEANS, LOUISIANA

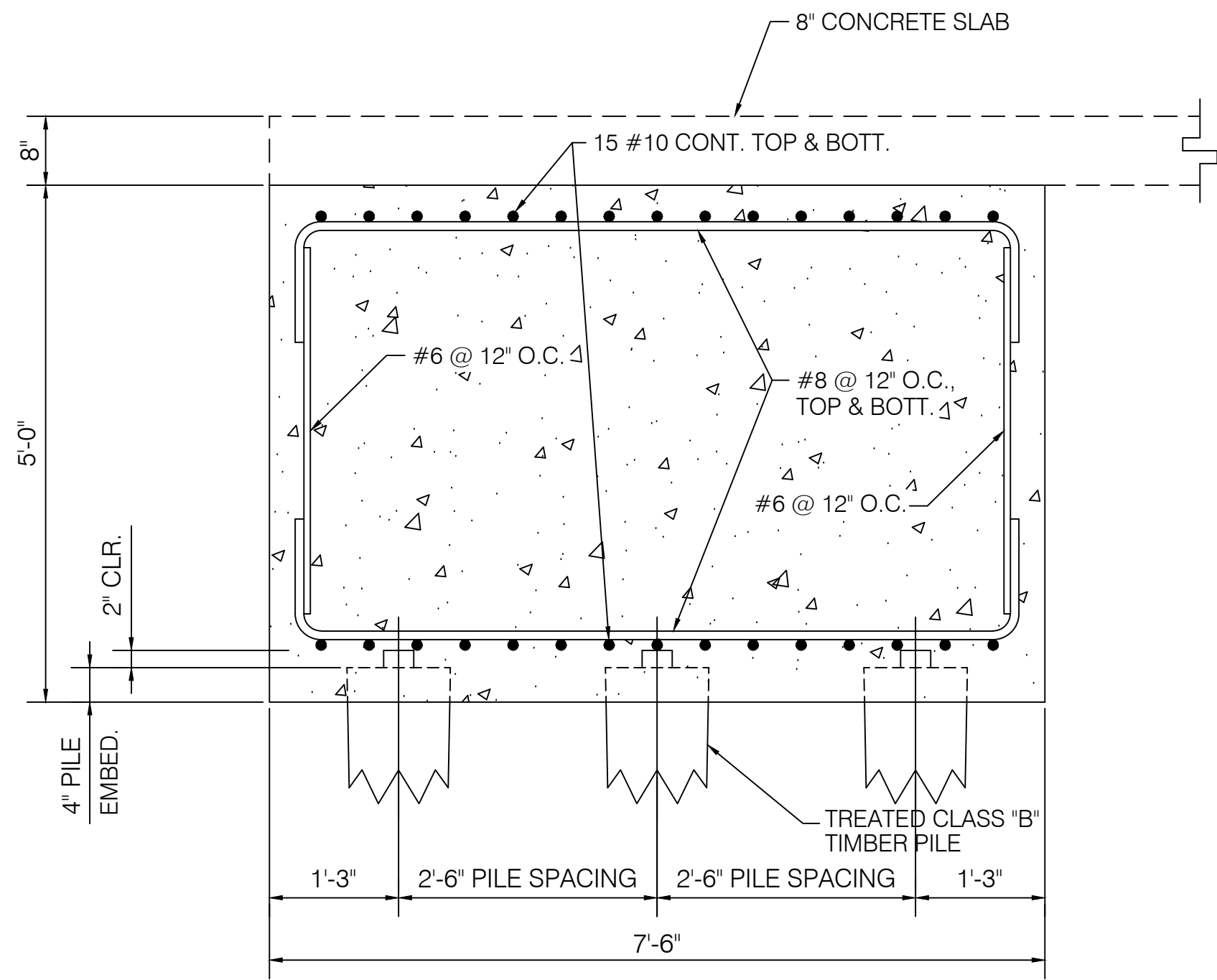
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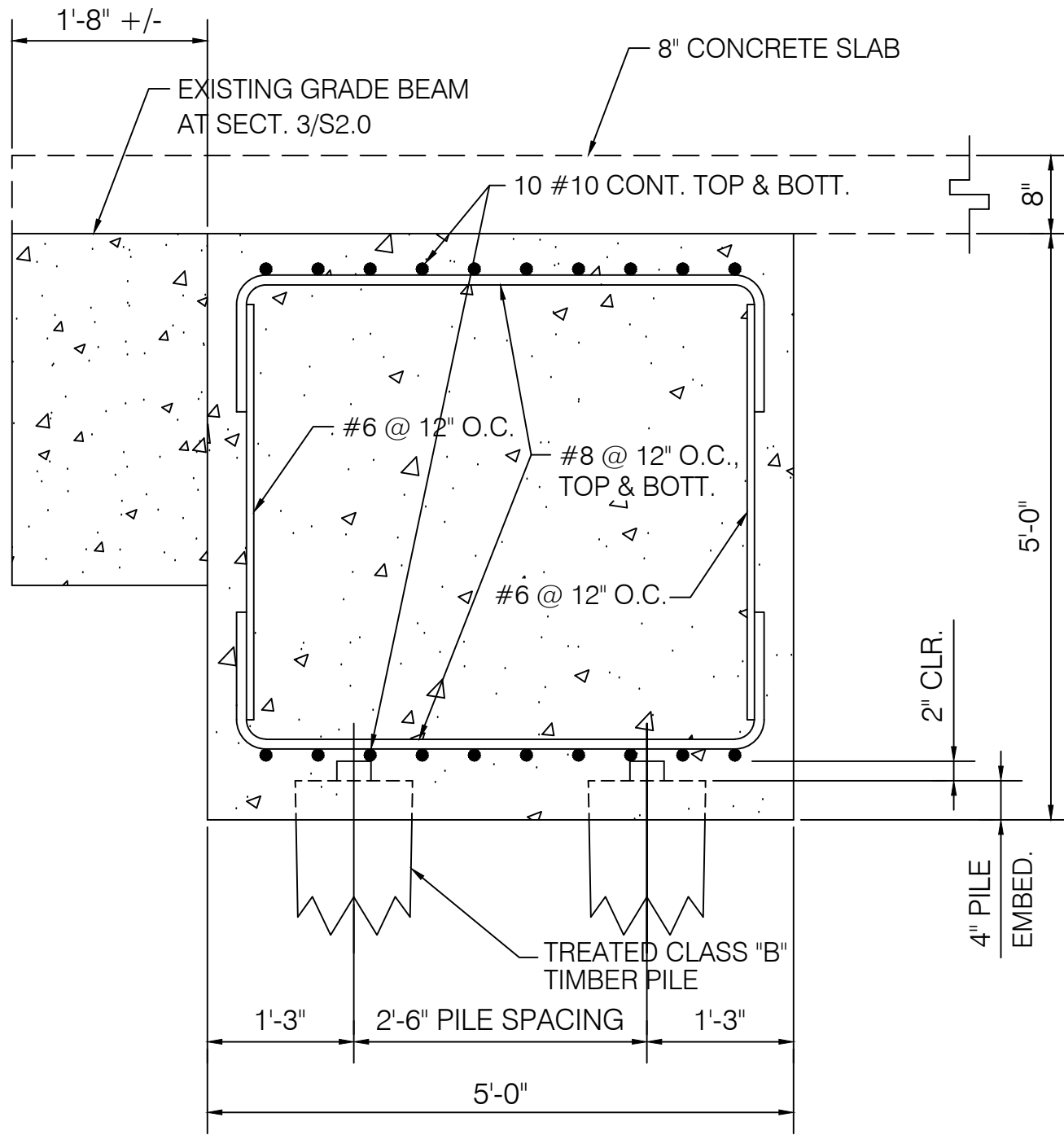
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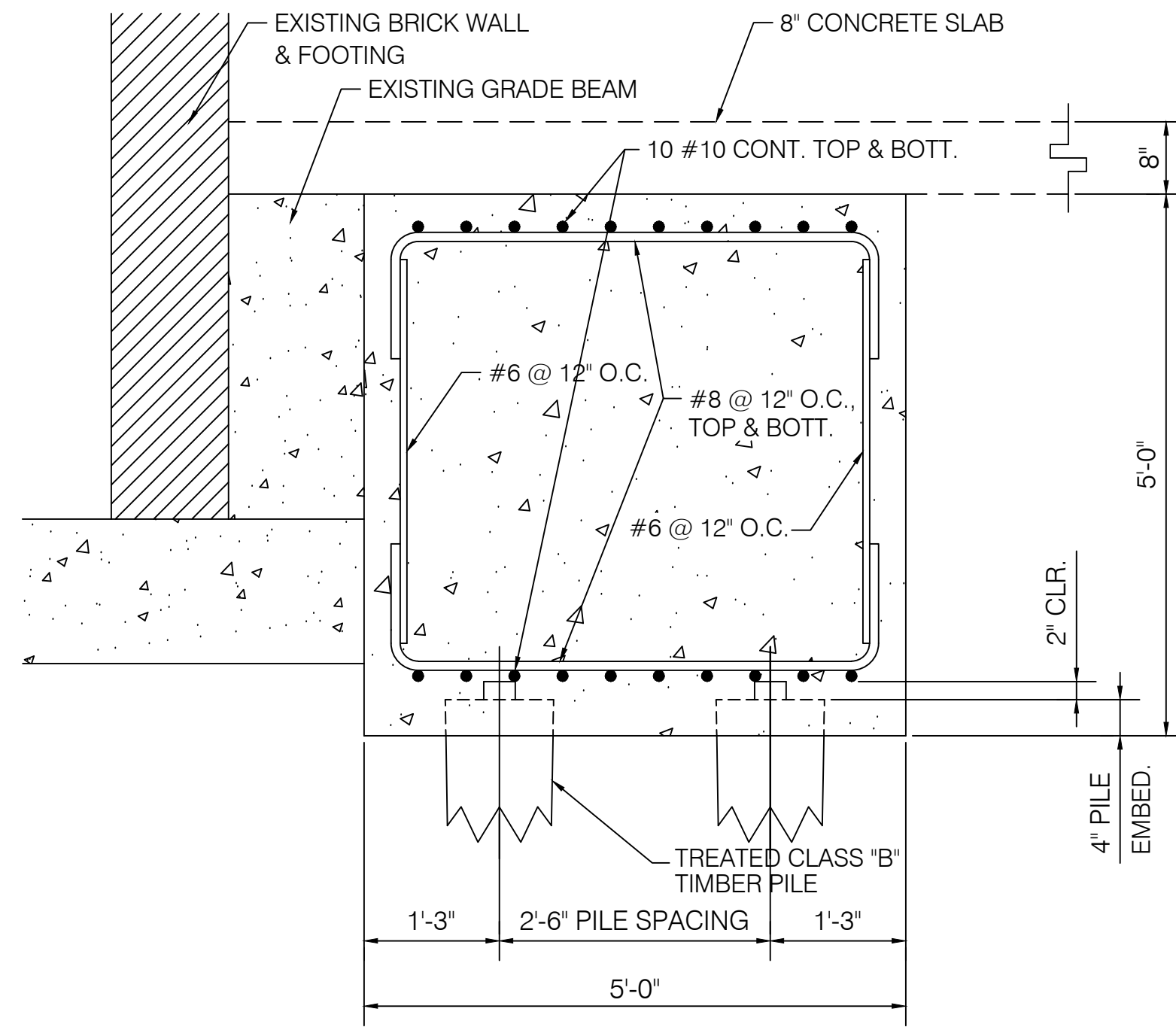
PROJECT#: 0827
 PHASE: DD
 DRAFTER: VICTOR RINCON, BD
 CHECKER: HANK SMITH
 SCALE: AS NOTED
 ISSUED: 06/17/2015
 SHEET#
S.1.0
 OF



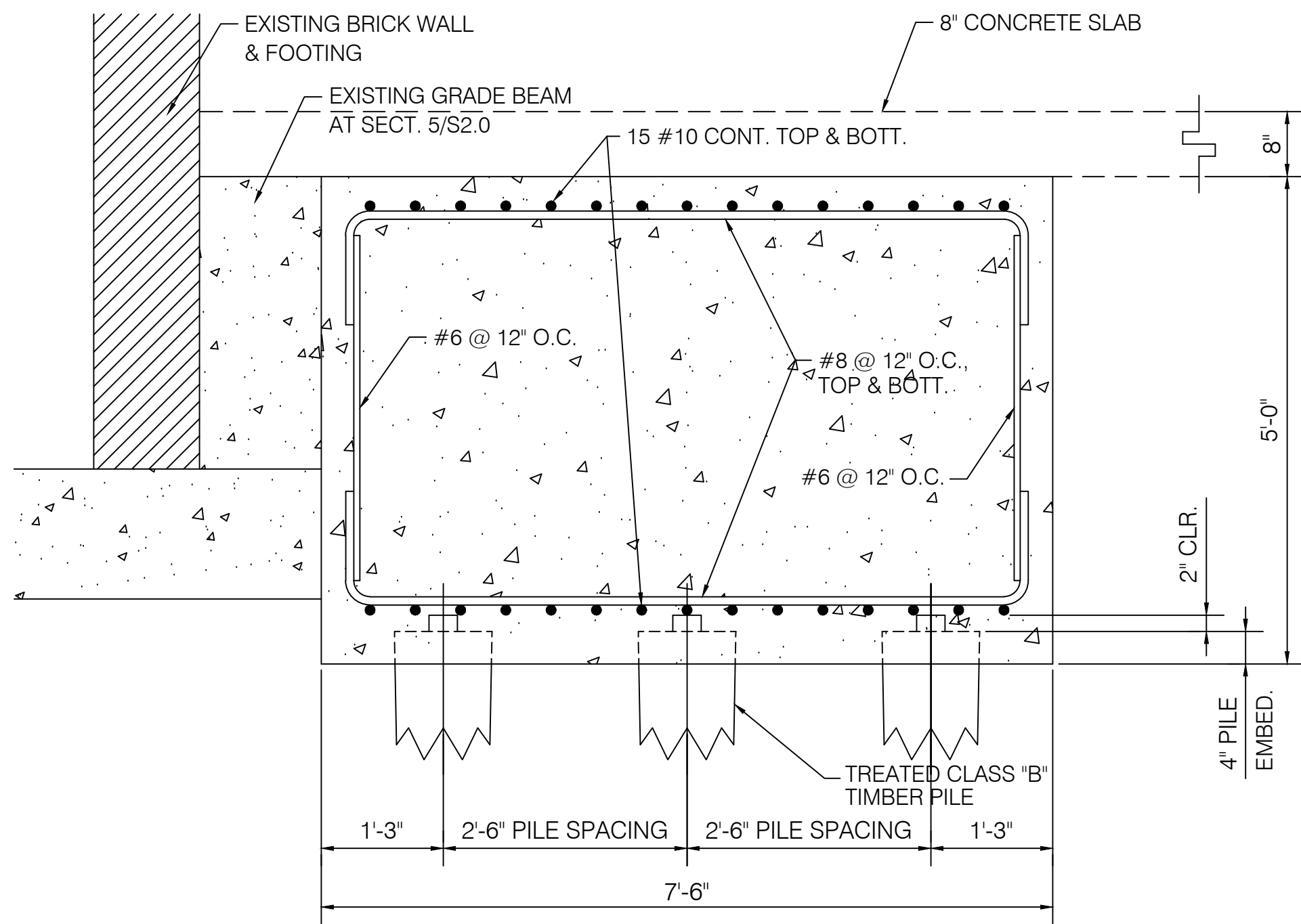
1 SECTION
S2.0 SCALE: 3/4" = 1'-0"



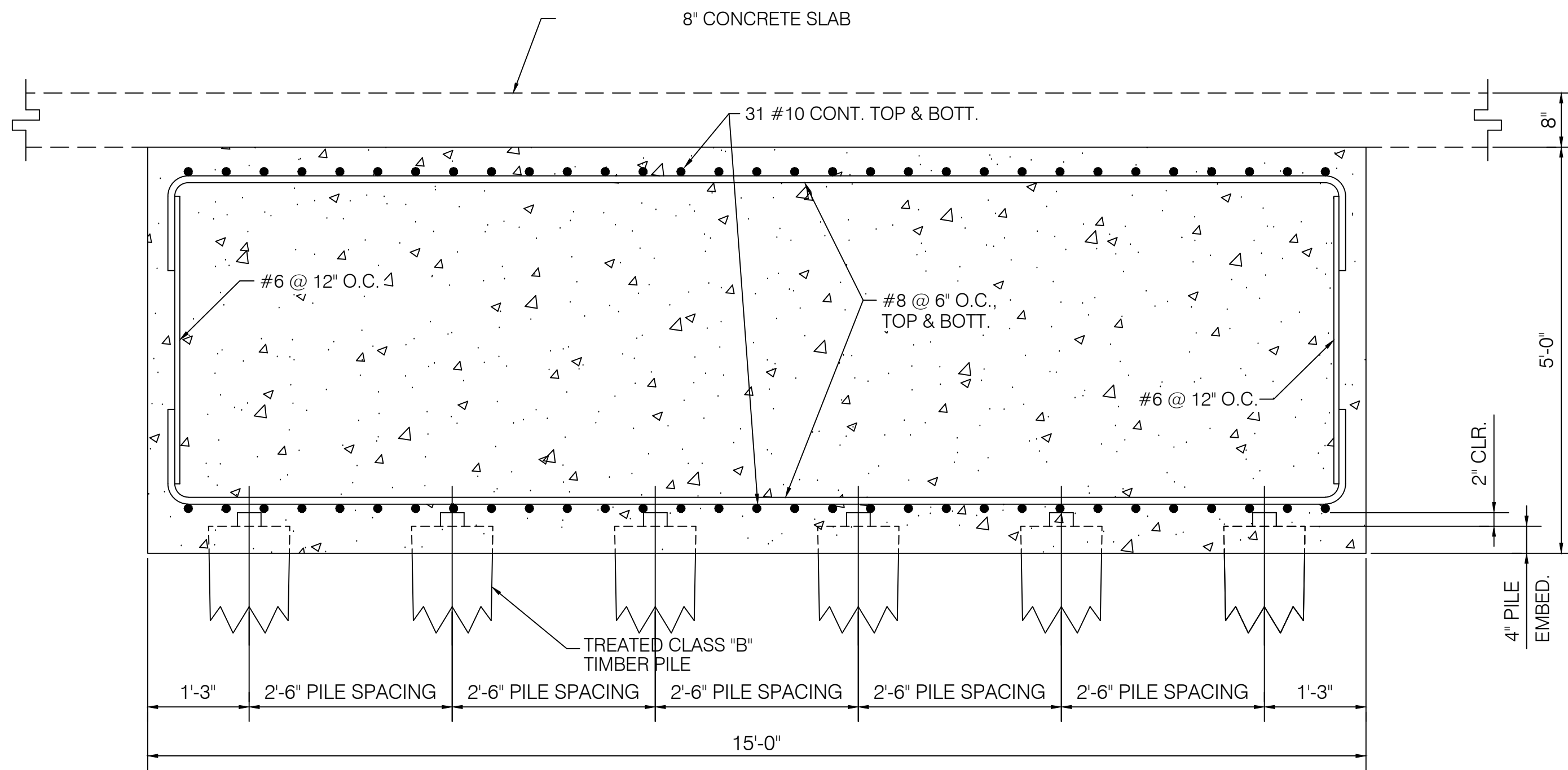
2 SECTION
S2.0 SCALE: 3/4" = 1'-0"



3 SECTION
S2.0 SCALE: 3/4" = 1'-0"



4 SECTION
S2.0 SCALE: 3/4" = 1'-0"

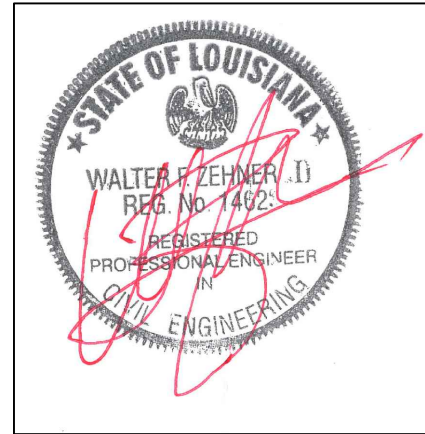


5 SECTION
S2.0 SCALE: 3/4" = 1'-0"

1 PILE CAP DETAILS
SCALE: 3/8" = 1'-0"

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4702 TOULOUSE ST
NEW ORLEANS, LOUISIANA 70119
(504) 488-1442
E-MAIL:WALTERZEHNER@MSN.COM



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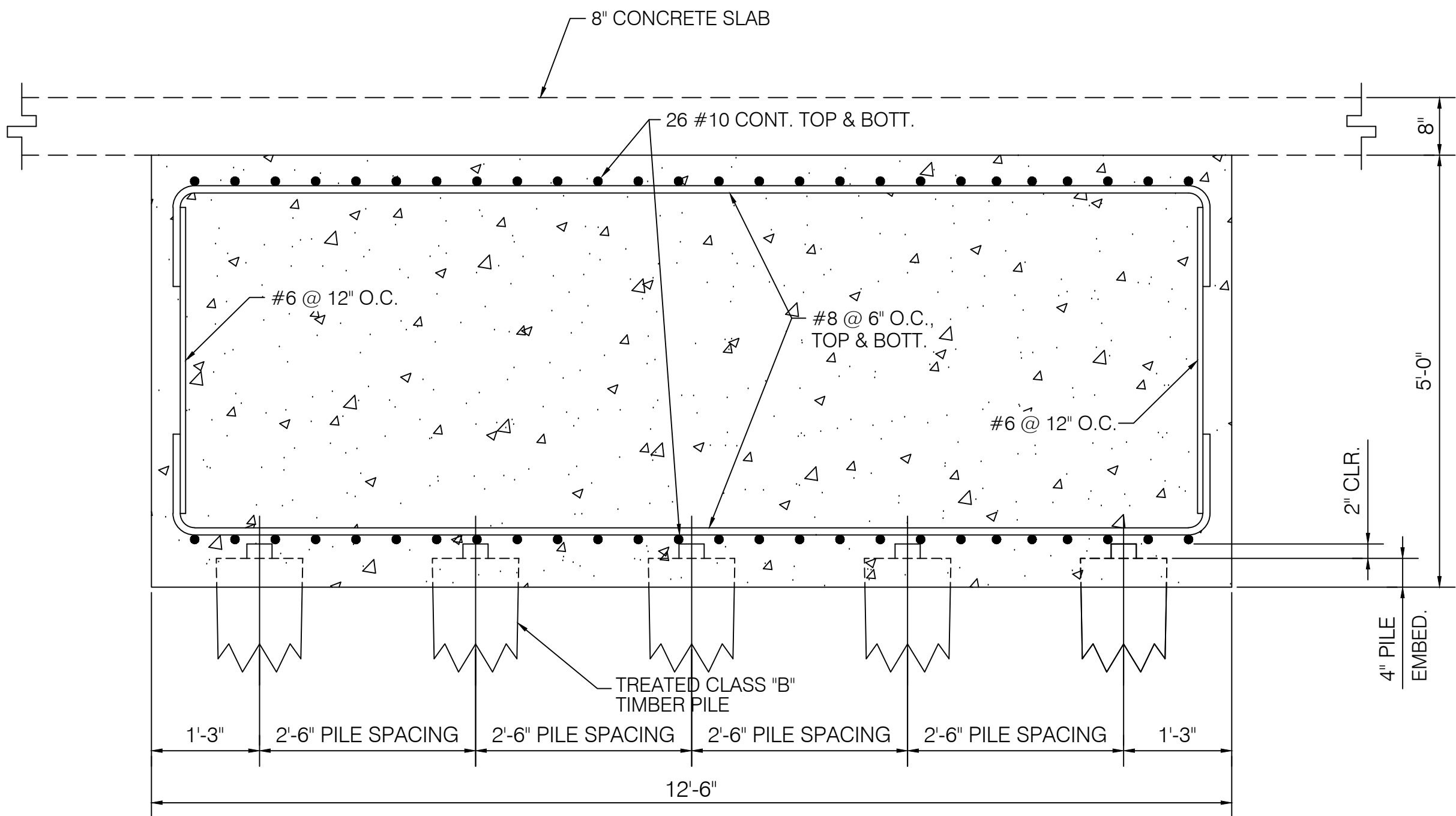
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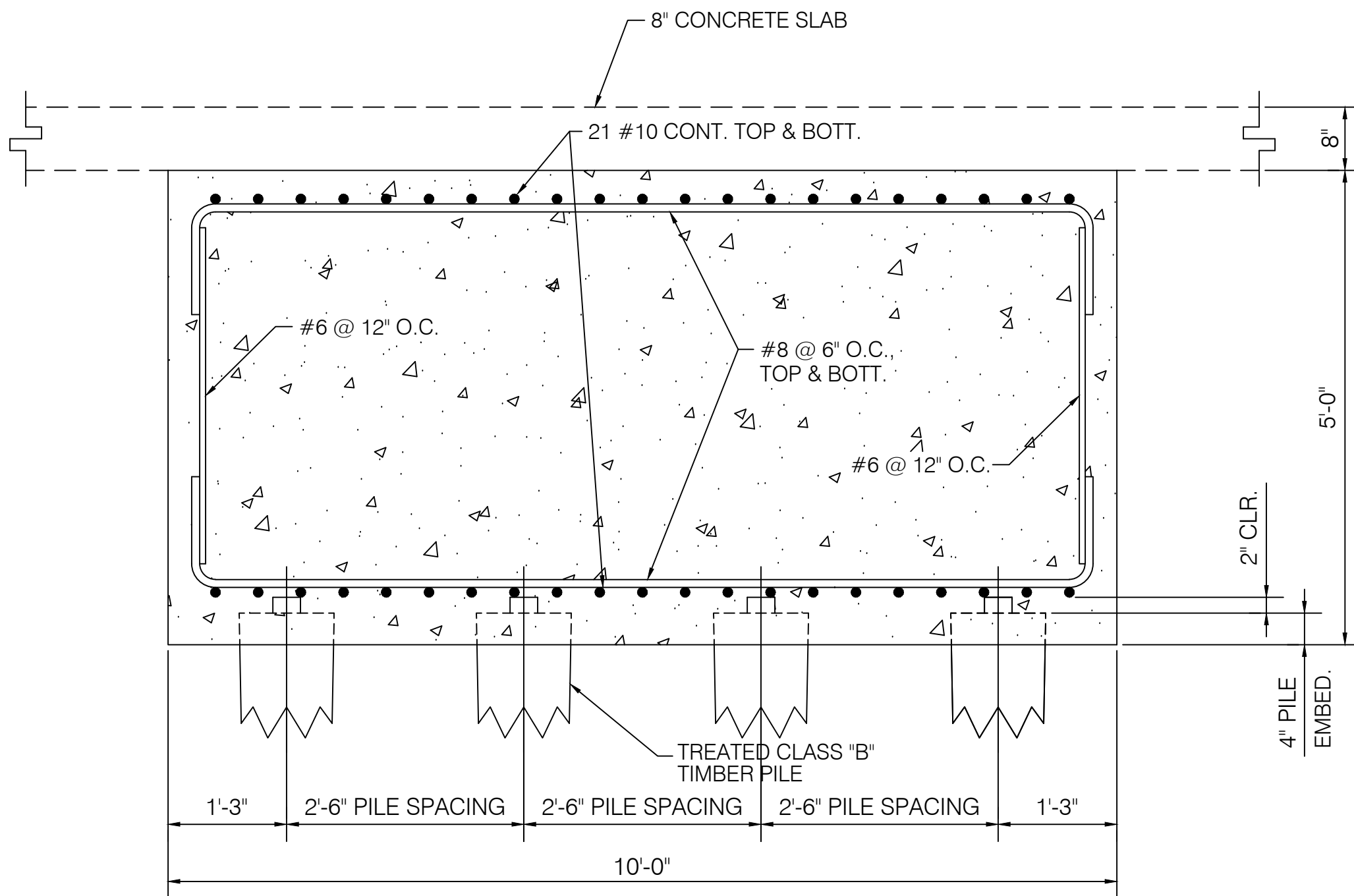
REVISION HISTORY			
NO.	DATE	DESCRIPTION	NAME

PROJECT#: 0827
PHASE: DD
DRAFTER:VICTOR RINCON, BD
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SCALE: AS NOTED
ISSUED: 06/17/2015
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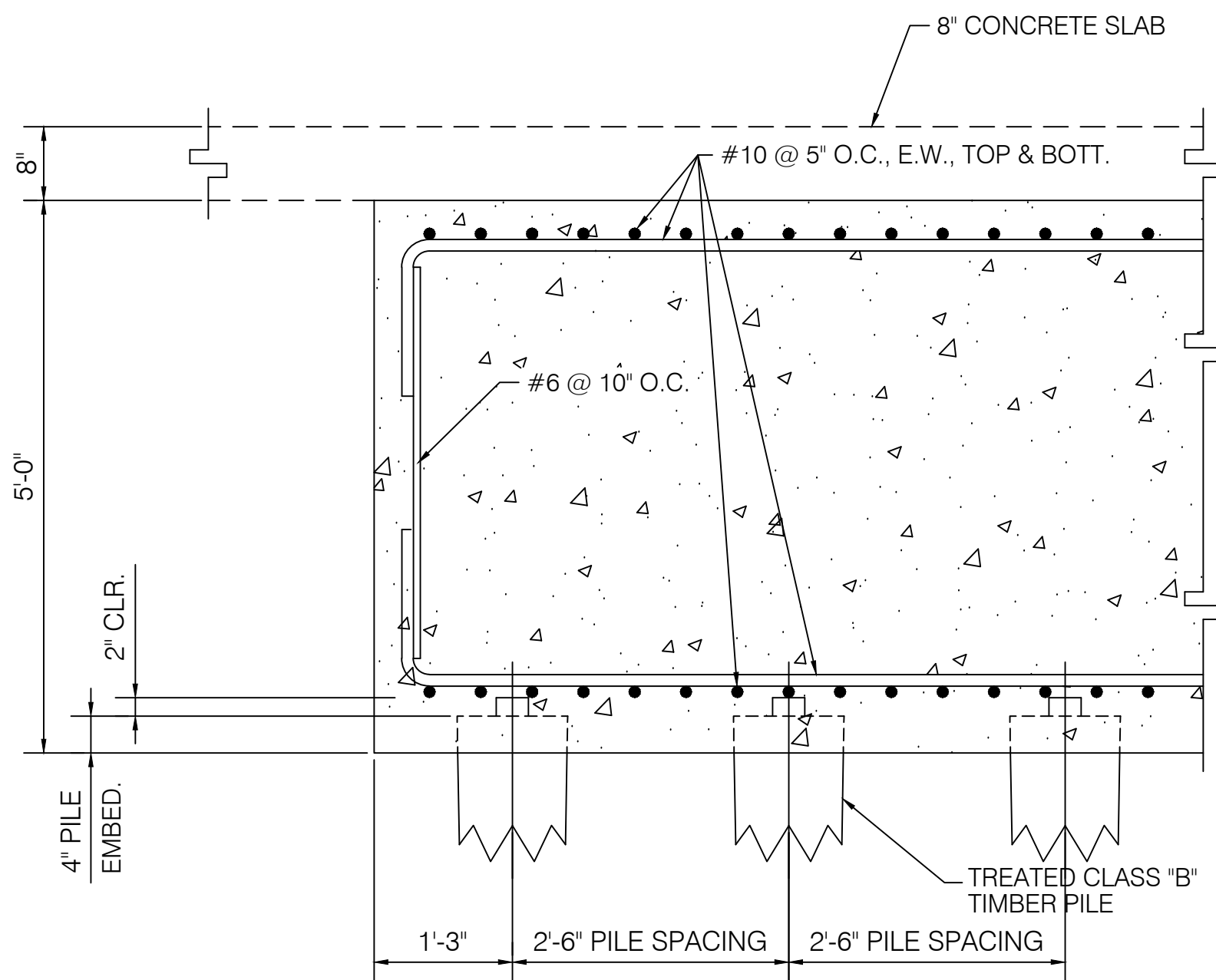
S.2.0
OF



1 SECTION
S2.1 SCALE: 3/4" = 1'-0"



2 SECTION
S2.1 SCALE: 3/4" = 1'-0"



3 SECTION
S2.1 SCALE: 3/4" = 1'-0"

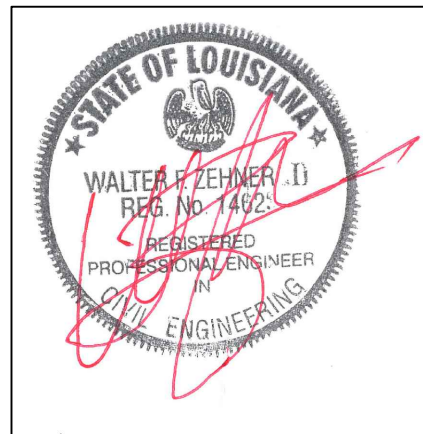
FOUNDATION NOTES:

1. PILING SHALL BE TREATED TIMBER PILES OF SOUTHERN YELLOW PINE OR DOUGLAS FIR CONFIRMING TO A.S.T.M. D-25 WITH A MINIMUM TIP DIAMETER OF 7" AND A NATURAL TAPER TO THE BUTT. PILES SHALL BE DRIVEN TO A REFUSAL OF 25 BLOWS/FOOT WITH A VULCAN #1 OR EQUIVALENT HAMMER TO ABOUT 41 FEET BELOW GRADE. DESIGN LOAD IS 25 TONS PER PILE AS PER PILE LOAD TEST BY STRATUM ENGINEERING, LLC, DATED JULY 27, 2012.
2. ALL CONCRETE SHALL BE STANDARD WEIGHT AND SHALL TEST AT 5000 PSI AT 28 DAYS. IT SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 301 AND 318.
3. REINFORCING STEEL SHALL BE NEW BILLET ASTM A-615 GRADE 60. DETAIL REINFORCING AND PROVIDE ACCESSORIES IN ACCORDANCE WITH THE LATEST ACI MANUAL OF STANDARD PRACTICE. PROVIDE 30 DIAMETER LAP SPLICES AT ALL DISCONTINUOUS TOP BARS. PROVIDE CORNER BARS SAME SIZE AND NUMBER AS OUTSIDE BEAM BARS WITH 30 DIAMETER LAP EACH WAY.
4. REINFORCING CLEARANCES ARE REQUIRED AS FOLLOWS:
SLAB: 1" CLEAR BOTTOM AND 3/4" CLEAR TOP
BEAMS: 1.5" CLEAR IF FORMED AND 3" CLEAR IF EARTH FORMED
PILE CAPS (FOOTINGS): 3" CLEAR TOP & SIDES AND 6" CLEAR BOTTOM
5. FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH 2012 INTERNATIONAL BUILDING CODE AND FOR A BASIC WIND SPEED (3 SECOND GUST) OF 130 MPH AND EXPOSURE B IN ACCORDANCE WITH THE PROVISIONS OF A.S.C.E.-7.

1 PILE CAP DETAILS SCALE: 3/4" = 1'-0"

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REVISION HISTORY				
NO.	DESCRIPTION	DATE	NAME	

PILE CAP DETAILS

PROJECT#: 0827
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